



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**In re Application of: CROWLEY, R.J. & HALGREN, D.N.**

**Serial No.: 10/619,770**

**Filed: 15 July 2003**

**U.S. Patent 7,197,285**

**Issued: 27 March 2007**

**For: Radiative Focal Area Antenna Transmission Coupling Arrangement**

**Examiner: NGUYEN, LEE**

**Art Unit: 2618**

**Att'y. Docket No.: ANT-CIP-3**

I hereby certify that this document and all documents enclosed herewith are being sent to the Commissioner for Patents, Washington, DC 20231, on 27 March 2007 via First Class Mail, name: D.N. Halgren, signed:

  
Hon. Commissioner for Patents

Alexandria, VA 22313-1450

**Certificate**  
**APR 04 2007**  
**of Correction**

**REQUEST FOR EXPEDITED CERTIFICATE OF CORRECTION**  
**UNDER 37 CFR 1.322**

Dear Sir or Madam:

Enclosed herewith, please find a "Certificate of Correction" requested for issuance for the above-identified U.S. Patent 7,197,285, issued 27 March 2007.

Also enclosed please find a copy of "claims 22 and 26", from the Application as allowed. Those claims became Issued Claims 1 and 5, respectively.

A copy of the page two of the Patent Examiner's "Notice of Allowance" letter mail dated 11/13/2006, shows an Examiner's Amendment which made several changes to each of those claims 22 and 26. The several changes of the

**APR 04 2007**

U.S. Patent No.: 7,197,285

Application No.: 10/619,770

Inventors: Crowley et al.

Examiner's Amendment were incorrectly copied into the Patent as issued, by the Patent Office.

The words "providing" and "with" were each part of the original allowed claims 22 and 26, and were apparently left out of a line in each of those claims, after the Examiner's Amendment changes were made by the Patent Office. The changes are now shown on the Certificate of Correction.

Expedited correction is earnestly solicited.

Respectfully submitted,



Donald N. Halgren

Applicants' rep.

35 Central Street

Manchester, MA 01944

Reg. No.: 27056

Ph: 978-526-8000



Serial No.: 10/619,770 AMENDMENT TO CLAIMS

Art Unit 2618

Examiner: NGUYEN

20. (New Claim) The method of providing wireless communication to a personal communication device in an rf restricted environment, as recited in claim 16, wherein said rf restricted environment is a vehicle.

21. (New Claim) The method of providing wireless communication to a personal communication device in an rf restricted environment, as recited in claim 16, wherein said rf restricted environment is an airplane.

22. (New Claim) A method of providing wireless communication to a personal communication device in an rf restricted environment, said personal communication device having a radiative antenna, said method comprising;

providing a personal communication device with <sup>the</sup> a radiative antenna;

providing a first antenna within said rf restricted environment;

connecting said first antenna to a second antenna mounted on the outside of said rf restricted environment through a computer controlled circuit arranged therebetween;

APR 04 2007

Serial No.: 10/619,770    AMENDMENT TO CLAIMS

Art Unit 2618

Examiner: NGUYEN

wirelessly connecting said first antenna with said radiative antenna of said personal communication device within said rf restricted environment;

monitoring communications of said personal communication device at any point between said first antenna and said second antenna;

limiting the amount of time when such personal communication device may be utilized in said rf restricted environment through controls in said computer controlled circuit; and

billing for use of said personal communication device within said rf restricted environment.

23. (New Claim) The method as recited in claim 22, of providing wireless communication to a personal communication device in an rf restricted environment, said personal communication device having a radiative antenna, including:

Serial No.: 10/619,770 AMENDMENT TO CLAIMS

Art Unit 2618

Examiner: NGUYEN

26.(New Claim) A method of providing wireless communication to a personal communication device in an rf restricted environment, said personal communication device having a radiative antenna, said method comprising;

installing an rf energy shield in at least a portion of said rf restricted environment to minimize radiation from said personal communication device from traveling in an undesired direction within that rf restricted environment;

providing a personal communication device with <sup>the</sup> ~~a~~ radiative antenna;

providing a first antenna within said rf restricted environment;

connecting said first antenna to a second antenna mounted on the outside of said rf restricted environment through a computer controlled circuit arranged therebetween;

wirelessly connecting said first antenna with said radiative antenna of said personal communication device within said rf restricted environment;

monitoring communications of said personal communication device at any point between said first antenna and said second antenna;

Serial No.: 10/619,770 AMENDMENT TO CLAIMS

Art Unit 2618

Examiner: NGUYEN

limiting the amount of time when such personal communication device may be utilized in said rf restricted environment; and

billing for use of said personal communication device within said rf restricted environment.

27.(New Claim) The method of providing wireless communication to a personal communication device as recited in claim 26, wherein said rf restricted environment comprises a vehicle.

28. (New Claim) The method of providing wireless communication to a personal communication device as recited in claim 27, wherein said vehicle comprises an airplane.

29. (New Claim) The method of providing wireless communication to a personal communication device as recited in claim 26, wherein said personal communication device comprises a computer.

Unit: 2618

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Donald Halgren (#27,056) on 11/2/2006.

The application has been amended as follows:

**In the claims:**

Claims 16-21 have been canceled.

In claim 22, line 4, after "providing", "a" has been deleted, and ~~the~~ has been inserted.

In claim 22, line 4, after "with", "a" has been deleted, and ~~the~~ has been inserted.

In claim 26, line 7, after "providing", "a" has been deleted, and ~~the~~ has been inserted.

In claim 26, line 7, after "with", "a" has been deleted, and ~~the~~ has been inserted.

APR 04 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 1 of 1

In U.S. Patent No.: 7,197,285 B2

Application No.: 10/619,770

Issued: March 27, 2007

Inventors: Crowley R. J. &amp; Halgren, D. N.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, In Claim 1, line 5 thereof should read as follows:

-- providing -- the personal communication device -- with --  
the radiative antenna.

Column 6, In Claim 5, line 10 thereof should read as follows:

-- providing -- the personal communication device -- with --  
the radiative antenna.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

**Donald N. Halgren**

**35 Central Street**

**Manchester, MA 01944-1311**

This collection of information is required by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

APR 04 2007